

Product Specification Sheet

Cat. #MA-30015

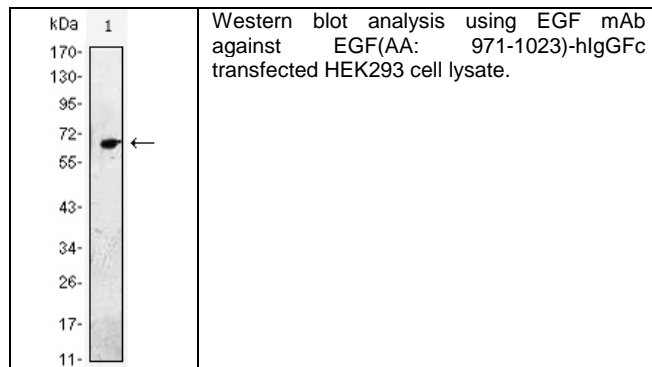
Mouse Monoclonal Anti Human Epidermal growth factor (EGF).; Ascites

SIZE : 100 ul

Epidermal growth factor has a profound effect on the differentiation of specific cells in vivo and is a potent mitogenic factor for a variety of cultured cells of both ectodermal and mesodermal origin. The EGF precursor is believed to exist as a membrane-bound molecule which is proteolytically cleaved to generate the 53-amino acid peptide hormone that stimulates cells to divide.

Source of Antigen and Antibodies

| | |
|------------------------|--|
| Antigen | Purified recombinant fragment of human EGF expressed in E. Coli. |
| Ab Host/type | Balb/c mouse. IgG1 Ascetic fluid containing 0.05% sodium azide. |
| 2-Ab | Goat Anti-mouse IgG-HRP conjugate Cat # 40320 (AP, biotin, FITC conjugates also available) |
| -ve control IgG | Cat # 20008-1, Mouse (non-immune) Serum IgG, purified, suitable for ELISA, Western, IHC as -ve control |



References:

Biochem J. 1992 ;288 (Pt 2):395-405. Oncogene. 2000 19(12):1509-18. Nature. 2002 ;416(6877):183-7.

**All products are for In vitro research use only.*

Related material available from ADI

Isotype controls:

| Catalog# | Product Description |
|---------------|--|
| 20102-101 | Mouse IgG1 isotype control, purified |
| 20102-101-APC | Mouse IgG1-APC conjugate (isotype control) |
| 20102-101-B | Mouse IgG1-Biotin conjugate (isotype control) |
| 20102-101-F | Mouse IgG1-FITC conjugate (isotype control) |
| 20102-101-FP | Mouse IgG1-FITC-PE conjugate (isotype control) |
| 20102-101-HP | Mouse IgG1-HRP conjugate (isotype control) |
| 20102-101-PC5 | Mouse IgG1-PE-Cy5 conjugate (isotype control) |
| 20102-101-PE | Mouse IgG1-PE conjugate (isotype control) |

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Suggested Dilutions:

| | |
|-----------------------------|-------------------|
| Western blot | 1:500 – 1:2000 |
| Immunohistochemistry (IHC): | N/A |
| Immunocytochemistry (ICC): | 1:200 – 1:1000 |
| Flow cytometry (FCM): | N/A |
| ELISA | 1:5000 – 1:100000 |

Form: Antibodies are supplied in PBS, pH 7.5, 0.05% azide and 0.1% BSA in liquid (0.5-1 mg/ml) or lyophilized in the same buffer. Reconstitute powder in 100 ul water or PBS. Store at -20°C or below is suitable size Aliquotes.

Shipping: 4°C for solutions and room temp for powder.